CLAIMS

What we claim:

[c1] A disc for being thrown in the air, comprising:

an annular rim formed along an outer periphery of the disc;

a flight plate formed in a central portion of the disc;

a transition area joining the annular rim to the flight plate and presenting a sloped surface between the annular rim and the flight plate;

a first gripping surface formed in at least a first portion of the transition area on an upper side of the disc; and

a second gripping surface formed in at least a second portion of the transition area on a lower side of the disc;

wherein the first and second gripping surfaces provide frictional surfaces to a person throwing the disc.

[c2] The disc as set forth in claim 1, wherein the first and second gripping surfaces are comprised of segmented raised surfaces.

[c3] The disc as set forth in claim 1, wherein the first and second gripping surfaces are comprised of staggered raised surfaces.

[c4] The disc as set forth in claim 1, wherein the first and second gripping surfaces are comprised of uni-directional surfaces having a low profile.

[c5] The disc as set forth in claim 1, wherein the first and second gripping surfaces are comprised of segmented, staggered, uni-directional surfaces having a low profile.

[c6] The disc as set forth in claim 1, wherein the first and second gripping surfaces present a greater frictional force to movement along the disc in a radial direction than to movement along the disc in a tangential direction.

[c7] The disc as set forth in claim 1, wherein the annular rim has a thickness of 0.093 inches.

[c8] The disc as set forth in claim 1, wherein the diameter of the annular rim is less than 9 inches.

[c9] The disc as set forth in claim 1, wherein a ratio of a height of the flight plate to a diameter of the annular rim is less than 1 to 9.

[c10] A disc for being thrown in the air for use with canines, comprising:

an annular rim formed along an outer periphery of the disc and having a diameter less than 9 inches and a thickness of at least 0.093 inches;

a flight plate formed in a central portion of the disc;

a transition area joining the annular rim to the flight plate and presenting a sloped surface between the annular rim and the flight plate;

flight plate and transition area having a thickness greater than 0.90 inches;

wherein a ratio of a height of the flight plate to a diameter of the annular rim is less than 1 to 9.

[c11] The disc as set forth in claim 10, further comprising:

a first gripping surface formed in at least a first portion of the transition area on an upper side of the disc; and

a second gripping surface formed in at least a second portion of the transition area on a lower side of the disc.

[c12] The disc as set forth in claim 11, wherein the first and second gripping surfaces are comprised of segmented raised surfaces.

[c13] The disc as set forth in claim 11, wherein the first and second gripping surfaces are comprised of staggered raised surfaces.

[c14] The disc as set forth in claim 11, wherein the first and second gripping surfaces are comprised of uni-directional surfaces having a low profile.

[c15] The disc as set forth in claim 11, wherein the first and second gripping surfaces are comprised of segmented, staggered, uni-directional surfaces having a low profile.

[c17] The disc as set forth in claim 11, wherein the first and second gripping surfaces present a greater frictional force to movement along the disc in a radial direction than to movement along the disc in a tangential direction.